

Curriculum Vitae
Sam Nasser, M.D.

Academic Office Address:

Department of Orthopaedic Surgery
Wayne State University School of Medicine
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Detroit, Michigan 48201
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Education:

Undergraduate:

Lansing Community College, Lansing, Michigan
Major: Chemistry

Michigan State University, East Lansing, Michigan
Major: Biochemistry

Graduate / Professional:

Wayne State University School of Medicine, Detroit, Michigan
Combined M.D., Ph.D. Program
Doctoral Dissertation: *On the Heterogeneity of Human Striated Muscle Tropomyosin*

Academic Honors:

State of Michigan Competitive Scholarship
Michigan Competitive Mathematics Prize
Michigan State University Junior College Valedictorian Scholarship
AOA Honor Society, Wayne State University School of Medicine
Aesculapian Honor Society, Wayne State University School of Medicine
Graduate with Honors in Biomedical Research, Wayne State University School of Medicine

Internship:

General Surgery
Wayne State University Affiliated Hospitals (Hutzel Hospital, Harper Hospital, Detroit Receiving Hospital, and the Allen Park Veterans Administration Medical Center)
Detroit, Michigan

Residency:

Orthopaedic Surgery

**Wayne State University Affiliated Hospitals (Detroit Receiving Hospital, Harper Hospital, Oakwood Hospital, Children's Hospital of Michigan, and the Allen Park Veterans Administration Medical Center)
Detroit, Michigan**

Fellowship Training:

**National Institutes of Health Surgical Scientist Fellowship
University of California Los Angeles Health Center
Department of Surgery, Division of Orthopaedic Surgery
Los Angeles, California**

Orthopaedic Research Fellowship, Adult Reconstruction

University of California, Los Angeles

**Department of Surgery, Division of Orthopaedic Surgery
Los Angeles, California**

Additional Educational Experience and Certification:

Northwestern University Prosthetics and Orthotics Course, Chicago, Illinois

A.O./A.S.I.F. Basic and Hip Courses, Toronto, Ontario

A.O./A.S.I.F. Advanced and Pelvic Courses, Davos, Switzerland

Midas Rex Certification, Detroit, Michigan

Ilizarov Method Course, Tucson, Arizona

A.A.O.S. Orthopaedic Educators Course, Monticello, Illinois

Certification and Licensure:

Diplomate, National Board of Medical Examiners

American Board of Orthopaedic Surgery

Faculty and Teaching Appointments:

Instructor, Gross Anatomy, Wayne State University School of Medicine

Instructor, Gross Anatomy, Wayne State University

School of Pharmacy and Allied Health

Instructor, Oral Histology, University of Detroit School of Dentistry,

Clinical Assistant Professor, Division of Orthopaedic Surgery

U.C.L.A. School of Medicine

Assistant Professor, Division of Orthopaedic Surgery, U.C.L.A. School of Medicine,

Assistant Professor, Department of Orthopaedic Surgery

Emory University School of Medicine

Associate Professor and Clinical Educator, Department of Orthopaedic Surgery,

Wayne State University School of Medicine

Director of Undergraduate Medical Student Orthopaedic Education

Co-Director, Adult Reconstruction Fellowship

Instructor, Rheumatology Core Curriculum, Department of Medicine

**Instructor, Wayne State University School of Pharmacy and Allied Health,
Department of Physical Therapy
Department of Occupational Therapy
Adjunct Associate Professor, Department of Biomedical Engineering,
Wayne State University College of Engineering
Adjunct Associate Professor, Department of Anatomy,
Wayne State University School of Medicine**

Hospital Appointments and Privileges:

**Attending Surgeon, U.C.L.A. Medical Center, Los Angeles, CA
Attending Surgeon, Emory University Affiliated Hospitals, Atlanta, GA
Chief, Adult Reconstructive Surgery, Crawford W. Long Memorial Hospital of
Emory University, Atlanta, GA
Chief, Section of Orthopaedic Surgery, Atlanta Veterans Administration Medical
Center, Decatur, GA
Attending Surgeon, Wayne State University Affiliated Hospitals, Detroit, MI
Chief, Section of Orthopaedic Surgery, Veterans Administration Medical Center,
Allen Park, MI
Chief, Section of Orthopaedic Surgery, Veterans Administration Medical Center,
Detroit
Attending Surgeon, Bon Secours Hospital, Grosse Pointe, MI**

Professional Society Membership:

**The American Academy of Orthopaedic Surgery (A.A.O.S.)
The American Association of Orthopaedic Surgeons
The Orthopaedic Research Society (O.R.S.)
The Academic Orthopaedic Society
Société Internationale de Chirurgie Orthopédique et de Traumatologie (S.I.C.O.T.)
The Society for Biomaterials
The Musculoskeletal Infection Society
American Society for Testing and Materials (A.S.T.M.)
American Association For the Advancement of Science
Association of Arab American University Graduates
Mid America Orthopaedic Association
Michigan Orthopaedic Society
Detroit Academy of Orthopaedic Surgery**

Professional Honors and Awards:

***The John Charnley Award* from the Hip Society (U.S.) for Excellence in
Orthopaedic Research for “Cementless Total Joint Arthroplasty Prostheses with
Titanium Alloy Articular Surfaces: A Human Retrieval Analysis.” Presented at
the Eighteenth Open Scientific Meeting of the Hip Society, New Orleans, LA, 1990**

□□□ Teacher of the Year, Wayne State University School of Medicine, 2000

The Hearndon Award from the Musculoskeletal Transplant Foundation and the Orthopaedic Research and Education Foundation for “Immunological Responses to Bone Soluble Proteins and Histocompatibility Antigens in Bone Allograft Recipients” Awarded at the A.A.O.S. Annual Meeting, San Francisco, CA, 2001

Best Doctors in America, 2002

Professional Service:

Journal and Editorial Activity:

Editorial Review Board, Clinical Orthopaedics and Related Research, 1988 – Present

Editorial Review Board, The Journal of Bone and Joint Surgery, 2001 – Present

Guest Editor, Orthopaedic Clinics of North America, April, 1992 :

“Complications of Total Hip Replacement”

Professional Consultation (Governmental and Corporate)

Food and Drug Administration, Device Good Manufacturing Practice Advisory Committee Member; Center for Devices and Radiological Health; Bethesda, MD;

Professional Society Activity:

Commentator, A.A.O.S. Annual Meetings; 1992, 1994 – 1996, 1998 – 2000

Provocateur, O.R.S. Annual Meetings; 1993, 1997, 1999

Commentator, Michigan Orthopaedic Society Meetings; 1994 – 2001

A.A.O.S. Committee on Biological Materials; Member, 1993 – 1999

Liaison, Michigan Orthopaedic Society to the Michigan State Medical Society
1999 – Present

University / Department / Hospital Committees:

Infection Control Committee	Member 1993 – Present
Research Committee	Member 1993 – Present
Resident Selection Committee	Member 1994, 1995, 1997 – 1999
Department Chair Selection Committee	Member 1995 – 1996
Surgical Operations Committee	Chairman 1998 – Present
Medical Records Committee	Member 2000 – 2001
Medical Center Operations Committee	Member 2001 – Present

Publications:

Original Observations in Refereed Journals:

1. Romero - Herrera, A.E., Lieska, N. and Nasser, S.: Characterization of the Myoglobin of the Lamprey *Petromyzon marinus*. The Journal of Molecular Evolution, 14: 259-266, 1979
2. Nasser, S., Bradley, R., Alcalà, J, and Maisel, H.: Regional Differences in the Composition of the Bovine Lens Urea-Soluble Proteins. Experimental Eye Research, 30:109-113, 1980

3. Romero - Herrera, A.E., Nasser, S., and Lieska, N.: Heterogeneity of Human Striated Muscle Tropomyosin. Muscle and Nerve, 5: 713-718 1982
4. Amstutz, H.C., Nasser, S., Kabo, J.M., and Moore, R.C.: The Anthropometric Total Hip Femoral Prosthesis: Preliminary Clinical and Radiographic Findings of "Exact - Fit" Cementless Application. Clinical Orthopaedics and Related Research, 242:104-119 1989
5. Amstutz, H.C., Nasser, S., and Kabo, J.M.: Preliminary Results of an Off - the- Shelf, Press - Fit Stem: The ATH component Using Exact - Fit Principles. Proceedings of the Hip Society, 1989 in Clinical Orthopaedics and Related Research, 249:60-72 1989
6. Nasser,S and Manoli, A.: Fracture of the Entire Posterior Process of the Talus. Foot and Ankle, 10:235-238 1990
7. Davlin, L.B., Tooke, S.M., Amstutz,HC, Dorey, F.J. and Nasser, S.: Treatment of Osteoarthritis Secondary to Congenital Dysplasia of the Hip: Primary Cemented Surface Replacement Compared with Conventional Total Hip Replacement. The Journal of Bone and Joint Surgery, 72A:1035-1042 1990
8. Nasser, S., Campbell, P.A., Kilgus, D.J., Kossovsky, N. and Amstutz, H.C.: Cementless Total Joint Arthroplasty Prostheses with Titanium Alloy Articular Surfaces: A Human Retrieval Analysis, Proceedings of the Hip Society, 1990, (Clinical Orthopaedics and Related Research, 261:171-185 1990)
9. Campbell, P., Nasser, S., Kossovsky, N. and Amstutz, H.C.: Histopathological Effects of Ultrahigh-molecular-weight Polyethylene and Metal Wear Debris in Porous and Cemented Hip Replacements. Particulate Debris from Medical Implants: Mechanisms of Formation and Biological Consequences. ASTM STP 1144:38-51, Philadelphia PA American Society for Testing and Materials 1992
10. Kossovsky, N., Kazuko, L., Gelman, A., Campbell , P., Amstutz, H.C., Finerman, G., Nasser, S. and Thomas, B.j.: Photon Correlation Spectroscopy Analysis of the Submicrometer Particulate Fraction in Human Synovial Tissues Recovered at Autopsy or Revision, Particulate Debris from Medical Implants: Mechanisms of Formation and Biological Consequences. ASTM STP 1144:68-74, Philadelphia PA American Society for Testing and Materials 1992
11. Dorey, F.J., Amstutz, H.C. and Nasser S: The Use of Confidence Intervals in the Evaluation of Orthopaedic Data. The Journal of Bone and Joint Surgery, 75A:1844-1853 1993.
12. Wooley, P.H., Nasser, S. and Fitzgerald, R.H.: The Immune Response to Implant Materials. Clinical Orthopaedics and Related Research 326:63070 1996

13. Wooley, P.H., Petersen, S., Song, S., and Nasser, S.: Cellular Immune Responses to Orthopaedic Implant Material Following Cemented Total Joint Replacement. Journal of Orthopaedic Research 15:874-880 1997
14. Poggie, R., Makoto, T., Averill, R., and Nasser, S.: Accelerated Aging and Associated Changes in Ultra-High Molecular Weight Polyethylene (UHMWPE) Microstructure as a Function of Resin Type and Consolidation Variables. Characterization and Properties of Ultra-High Molecular Weight Polyethylene ASTM STP 1307:120-129, Philadelphia PA American Society for Testing and Materials 1998
15. Ure, K.E., Amstutz, H.C., Nasser, S., and Schmalzried, T.P.: Direct-Exchange Arthroplasty for the Treatment of Infection after Total Hip Replacement: An Average Ten Year Follow-Up. The Journal of Bone and Joint Surgery, 80A:969-968 1998
16. Placzek, J., Rubal, P., Freeman, C., Keizlig, C., Nasser, S. and Pagett, B.: Long - Term Effectiveness of Translational Manipulation for Adhesive Capsulitis. Clinical Orthopaedics and Related Research, 356:181-190 1998
17. Wooley, P.H., Sud, S., Whalen, J.D. and Nasser, S.: Pristane-Induced Arthritis in Mice: Susceptibility to Pristane-Induced Arthritis is Determined by the Genetic Regulation of the T-Cell Repertoire. Arthritis and Rheumatism, 41(11):2002-31. November 1998
18. Wooley, P.H., Fitzgerald, R.H., Song, Z., Davis, P., Whalen, J.D., Trumble, S. and Nasser, S.: Antibodies to Implant Bound Proteins in Patients with Aseptic Loosening of Total Joint Arthroplasty: a Preliminary Report. The Journal of Bone and Joint Surgery: 81A: 616-21. May 1999
19. Chada, H.S., Fitzgerald, R.H., Song, Z., Davis, P., Whalen, J.D., Trumble, S., Nasser, S. and Wooley, P.H.: Experimental Acute Hematogenous Osteomyelitis in Mice: Histopathological and Immunological Findings. Journal of Orthopaedic Research, 17(3):376-91. May 1999
20. Nasser, S. and Markel, D.: Inexpensive Methods of Cement Containment in the Presence of Cortical Bone Defects. Journal of Arthroplasty, 14(4):514-6. June 1999
21. Wooley, P.H., Morren, R., Sud, S., Mayton, L., Andary, J. and Nasser, S.: Inflammatory Responses to Metallic and Polymeric Particles in the Murine Air Pouch Model. Biomaterials, 23: 517-526 January 2002
22. Yang, S., Ren, Y., Sieving, S. Hsu, S., Nasser, S, Wooley, P.H.: Diverse Cellular and Apoptotic Response to Variant Shapes of UHMWPE Particles in a Murine Model of

Inflammation. Biomaterials (in press) 2002.

Invited Reviews

1. Nasser, S.: Prevention and Treatment of the Sepsis in Total Hip Replacement Surgery. Orthopaedic Clinics of North America, 23:265-277 1992
2. Swazey, O.S., Nasser, S. and Roberson, J.R.: Deep Venous Thrombosis in Total Hip Arthroplasty. Orthopaedic Clinics of North America, 23:359-364 1992
3. Fitzgerald, R.H., Randall, K.R., Brown, W.J. and Nasser, S.: Treatment of the Infected Total Hip Arthroplasty. Current Opinion in Orthopaedics, 5:26-30 1994
4. Nasser, S.: The Incidence of Sepsis Following Total Hip Arthroplasty. Seminars in Arthroplasty, 5:126-131 1994
5. Toumbis, C.A., Kronick, J.L., Wooley, P.H. and Nasser, S.: Total Joint Arthroplasty and the Immune Response. Seminars in Arthritis and Rheumatism, 27:7-44 (1997)

Book Chapters

1. Nasser, S., Schmalzried, T.P. and Amstutz, H.C.: "Sepsis Prevention" In *Hip Arthroplasty*, Edited by H.C. Amstutz, Churchill Livingstone, New York, 1991
2. Nasser, S., Lee, Y.F. and Johnson, B.L.: "Sepsis Diagnosis and Treatment" in *Hip Arthroplasty*, Edited by H.C. Amstutz, Churchill Livingstone, New York, 1991
3. Gould, R., Seegers, L. and Nasser, S.: "Imaging Techniques: in *Hip Arthroplasty*, Edited by H.C. Amstutz, Churchill Livingstone, New York, 1991
4. Amstutz, H.C., Nasser, S., Campbell, P.A., Dorey, F. and Kabo, M.J.: "Modes of Failure of Surface Replacement Arthroplasty" in *Hip Arthroplasty*, Edited by H.C. Amstutz, Churchill Livingstone, New York, 1991
5. Gross, M., Nasser, S. and Finerman, G.: "Injuries to the Hip and Pelvis" in *Orthopaedic Sports Medicine*, Edited by J.C. DeLee and D. Drez, W.B. Saunders Co., New York, 1993
6. Seiler, J.G. and Nasser, S.: "Rheumatoid Arthritis" in *Medical Care of the Surgical Patient*, Third Edition, Edited by M. Lubin, H.K. Walker and R.B. Smith III, L.B. Lippincott, Philadelphia, 1995
7. Nasser, S. and DeAndrade, J.R.: "Total Knee Joint Replacement" in *Medical Care of the Surgical Patient*, Third Edition, Edited by M. Lubin, H.K. Walker and R.B. Smith III, L.B. Lippincott, Philadelphia, 1995

8. Nasser, S. and Fitzgerald, R.H.: "Infection Following Total Hip Arthroplasty" in *Orthopaedic Knowledge Update: Hip and Knee Reconstruction*; American Academy of Orthopaedic Surgeons, Chicago, 1995
9. Nasser, S. and Gladu, R.: "Hip and Knee Pain" in *When to Call the Surgeon in Primary Care Medicine*, Edited by R.C. Kozol, D. Fromm and J. Konen; F.A. Davis Co., Philadelphia, 1999

Commercial "Surgical Technique" Instruction Manuals

1. The Anthropometric Total Hip Prosthesis Surgical Technique. Amstutz, H.C., Nasser, S. and Clarke, I.; Kinamed, Inc., ©1989
2. The Implex Revision Patellar Component Surgical Technique. Nasser, S. and Christie, J.R. Implex, Inc., ©1998, Zimmer, Inc. ©2002
3. The Kinematic Modular Rotating Hinge Knee System Surgical Technique. Howie, C.R., Pinder, I.m., Weir, D.J. and Nasser, S.; ©1999, Stryker Howmedica Osteonics

Representative Published Abstracts:

1. Amstutz H.C., Friscia, D., Larson, K. and Nasser, S.: Warfarin as Prophylaxis for Thromboembolic Disease after Total Hip Replacement. Orthopaedic Transactions (55th Annual Meeting of the A.A.O.S.) 34, 1988
2. Amstutz H.C., Nasser, S. and Kabo, J.M.: The ATH Femoral Component: Preliminary Clinical and Radiographic Results. Orthopaedic Transactions (101st Annual Meeting of the A.O.A.) 74, 1988
3. Campbell, P.A., Namba, R.S., Kilgus, D.J., Kossovsky, N., Nasser, S. and Amstutz, H.C.: Bone Ingrowth in Human Porous Surface Replacements. Transactions of the 35th Annual Meeting of the Orthopaedic Research Society 401, 1989
4. Nasser, S., Lee, Y.F. and Amstutz, H.C.: Direct Exchange Arthroplasty In Thirty Consecutive Septic Total Hip Replacements Without Clinical Failure. Orthopaedic Transactions (56th Annual Meeting of the A.A.O.S.) 519, 1989
5. Nasser, S., Amstutz, H.C., Campbell, P.A., Kilgus, D.J. and Kabo J.M.: Wear Debris Induced Osteolysis in Retrieved Porous Surface Replacements. Orthopaedic Transactions (102nd Annual Meeting of the A.O.A.) 574, 1989
6. Campbell, P.A., Nasser, S., Millett, D. and Amstutz, H.C.: A Study of the Effects of Polyethylene Wear Debris in Cemented and Uncemented Implants. Transactions of the 36th Annual meeting of the Orthopaedic Research Society 441, 1990

7. Nasser, S., Amstutz, H.C. and Dorey, F.J.: Aseptic Loosening of Cemented T-28 Acetabular Components in Patients Greater than 60 years of Age. Orthopaedic Transactions (57th Annual Meeting of the A.A.O.S.) 608, 1990
8. Luetzow, W.F., Markolf, K.L., Nasser, S. and Amstutz H.C.: Initial Stability of the Greater Trochanter Using Newer methods of Reattachment. Transactions of the 37th Annual Meeting of the Orthopaedic Research Society 508, 1991
9. Wooley, P.H., Nasser, S. and Whalen, J.D.: Antibodies Reactive with Polyethylene Bound Proteins: A Role in Aseptic Loosening? Arthritis and Rheumatism 37:S273, 1994
10. Wooley, P.H., Nasser, S., Whalen, J.D. and Fitzgerald, R.F.: Antibodies Reactive with Polyethylene Bound Proteins: A Role in Aseptic Loosening? Orthopaedic Transactions (Proceedings of the 62nd Annual Meeting of the A.A.O.S.) 512, 1995
11. Wooley, P.H., Whalen, J.D., Nasser, S. and Fitzgerald, R.F.: Antibodies to Implant Bound Proteins Are a Frequent Finding in Patients with Aseptic Loosening of Total Joint Arthroplasties. Arthritis and Rheumatism 37:S164, 1995
12. Wooley, P.H., Mayton, S., Sud, S. and Nasser, S.: Synergistic Inflammatory Responses to Metallic and Polymeric Particles in the Murine Air Pouch Model of Aseptic Loosening. Arthritis and Rheumatism 39:S175, 1997
13. Seiving, A., Nasser, S. and Wooley, P.H.: Macrophage Responses to Polymethyl Methacrylate (PMMA) Particles. Arthritis & Rheumatism, 42:S267, 1999
14. Yang, S.Y., Song, Z., Robbins, P.D., Evans, C.H., Wu, B., Mayton, L, Nasser, S. and Wooley, P.H.: Anti-inflammatory Cytosine Gene Therapy in a Murine Model of Aseptic Loosening. Arthritis & Rheumatism, 42:S284, 1999
15. Vandevorde, P.J., Nasser, S. and Wooley, P.H.: Antibody Responses to Bone Soluble Proteins in Bone Graft Recipients. Arthritis & Rheumatism, 42:S285, 1999
16. Vandevorde, P.J., Nasser, S. and Wooley, P.H.: Antibody Responses to Bone Soluble Proteins in Bone Graft Recipients. Annals of Biomedical Engineering, 29:S148, 2001
17. Sieving, A.L., Wu, B., Mayton, L., Nasser, S. and Wooley, P.H.: The Effect of Aspect Ratio of UHWPE Wear Debris on the in Vivo Inflammatory Response. Proceedings of the Biomedical Engineering Society Annual Scientific Meeting, Raleigh - Durham, NC, April, 2001

Invited and Refereed National and International Meetings

1. Amstutz, H.C., Kabo, J.M., Nasser, S. and Thomas, B.: Comparison of Porous and Cemented Surface Replacement with 2-5 Year Follow-Up. A.A.O.S. 55th Annual Meeting, Atlanta, GA, February, 1988
2. Amstutz, H.C., Friscia, D., Larson, K. and Nasser, S.: Warfarin as Prophylaxis for Thromboembolic Disease after Total Hip Replacement. A.A.O.S. 55th Annual Meeting, Atlanta, GA, February, 1988
3. Amstutz, H.C., Nasser, S. and Kabo, J.M.: The ATH Femoral Component; Preliminary Clinical and Radiographic Results. Poster and Podium Presentation, International Symposium on Biomaterials, III World Congress, Kyoto, Japan May 1988
4. Amstutz, H.C., Nasser, S. and Kabo, J.M.: The ATH Femoral Component; Preliminary Clinical and Radiographic Results. Poster and Podium Presentation, A.O.A. 101st Annual Meeting, Hot Springs, VA, June, 1988.
5. Campbell, P.A., Namba, R.S., Kilgus, D.J., Kossovsky, N., Nasser, S and Amstutz H.C.: Bone Ingrowth in Human Porous Surface Replacements. O.R.S. 35th Annual Meeting, Las Vegas, NV, February, 1989.
6. Nasser, S, Lee, Y.F. and Amstutz, H.C.: Direct Exchange Arthroplasty in Thirty Consecutive Septic Total Hip Replacements Without Clinical Failure. A.A.O.S. 56th Annual Meeting, Las Vegas, NV, February, 1989.
7. Amstutz, H.C., Nasser, S. and Kabo, J.M.: Results of an "Off-The-Shelf," Press-Fit Femoral Stem. 17th Open Scientific Meeting of the Hip Society, Las Vegas, NV, February, 1989.
8. Nasser, S., Campbell, P.A. and Amstutz, H.C.: The Unsuitability of Titanium Alloys as a Bearing Surface in Total Joint Arthroplasty: A Surface Replacement Model. 15th Annual Meeting of the Society for Biomaterials, Orlando FL, April 1989
9. Nasser, S., Campbell, P.A. and Amstutz, H.C.: The Unsuitability of Titanium Alloys as a Bearing Surface in Total Joint Arthroplasty: A Surface Replacement Model. Fourth Symposium on Biomaterials: Metals and Their Alloys in Orthopaedic Surgery, Göttingen, West Germany, October, 1989.
10. Campbell, P.A., Nasser, S., Kossovsky, N. and Amstutz, H.C.: Retrieval Analysis of Femoral Porous-Coated Surface Replacement. 15th Annual Meeting of the Society for Biomaterials, Orlando, FL, April, 1989.
11. Nasser, S., Amstutz, H.C., Campbell, P.A., Kilgus, D.J. and Kabo J.M.: Wear Debris Induced Osteolysis in Retrieved Porous Surface Replacements. A.O.A. 102nd Annual Meeting, June 1989;

12. Nasser, S., Amstutz, H.C., Campbell, P.A., Kilgus, D.J. and Kabo J.M.: Wear Debris Induced Osteolysis in Retrieved Porous Surface Replacements. A.A.O.S. 57th Annual Meeting, New Orleans, LA, February, 1990
13. Nasser, S., Amstutz, H.C. and Dorey, F.J.: Aseptic Loosening of Cemented T-28 Acetabular Components in Patients Greater Than 60 Years of Age. A.A.O.S. 57th Annual Meeting, New Orleans, LA, February, 1990
14. Amstutz, H.C., Nasser, S. and Kabo, J.M.: The "Anthropometric Total Hip:" Surgical Technique (Video). Scientific Presentation, A.A.O.S. 57th Annual Meeting, New Orleans, LA, February, 1990
15. Amstutz, H.C., Nasser, S., Kabo, J.M., Kilgus, D.J., Thomas, B.J., Safran, M. and Luetzow W.L.: Evolution and Current Status of Surface Replacement Arthroplasty of the Hip. Scientific Exhibit, A.A.O.S. 57th Annual meeting, New Orleans, LA, February, 1990
16. Nasser, S., Campbell, P.A., Kilgus, D.J., Kossovsky, N. and Amstutz, H.C.: Cementless Total Joint Arthroplasty Prostheses with Titanium Alloy Articular Surfaces: a Human Retrieval Analysis. The Charnley Award Paper, 18th Open Scientific Meeting of the Hip Society, New Orleans, LA, February, 1990.
17. Campbell, P.A., Nasser, S., Millett, D., and Amstutz, H.C.: A Study of the Effects of Polyethylene wear Debris in Cemented and Uncemented Implants. O.R.S. 36th Annual Meeting, New Orleans, LA, February, 1990.
18. Campbell, P.A., Nasser, S., Kossovsky, N, and Amstutz, H.C.: The Mechanism of Production and Histopathological Effects of UHMWPE and Metal Wear Debris in Porous and Cemented Hip Replacements. A.S.T.M. Annual Meeting, Phoenix, AZ, October, 1990.
19. Luetzow, W.F., Markolf, K.L., Nasser, S. and Amstutz, H.C.: Measurement of the Initial Stability of the Greater Trochanter Using newer Methods of Reattachment. 37th Annual Meeting of the O.R.S., Anaheim, CA, March, 1991.
20. Dorey, F.J., Amstutz, H.C. and Nasser, S.: The Use of Confidence Intervals in the Evaluation of Orthopaedic Data, A.A.O.S. 58th Annual Meeting, Anaheim, CA, March 1991.
21. Slappey, J., Nasser, S., Love, B. and Hutton, W.: Evaluation of Sphericity and Surface Finish of Total Hip Arthroplasty Femoral Heads. Eastern Orthopaedic Association Annual Meeting, San Juan, PR, October 1992.
22. Nasser, S.: Wear of Prosthetic Joints: A Universal Problem. Arthritis of the Hip and

Knee - Practical Surgical Management for the 1990's, Orlando FL, October 1992

23. Nasser S: Factors in Press-Fit Total Hip Arthroplasty. Current Concepts in Joint Replacement (The Greenwald Course), Orlando, FL, December, 1992.
24. Flint, R and Nasser, S.: Evaluation of the Strength of Pre-formed PMMA / Bone Cement Composites, A.A.O.S. 60th Annual Meeting, San Francisco, CA, February 1993
25. Nasser, S.: Wear of Prosthetic Joints: A Universal Problem. Arthritis of the Hip and Knee - Practical Surgical Management for the 1990's, Vail, CO, March, 1993.
26. Pilcher, R., Love, B., Nasser, S. and Hutton, W.: Sterilization of Ultra-High Molecular Weight Polyethylene with and Without an Oxidation Inhibitor: The Effects on Physical Properties. A.A.O.S. 61st Annual Meeting, New Orleans, LA, February, 1994.
27. Grecula, M.J., Grigoris, P., Nasser, S. and Amstutz, H.C.: Durability of Cemented Total Hip Replacements in patients over 60: A 14-Year Survivorship Analysis. A.A.O.S. 61st Annual Meeting, New Orleans, LA, February 1994.
28. Rodrigo, J. and Nasser. S.: The Use of Allograft Bone in Total Hip Arthroplasty. Committee on Biological Implants Scientific Exhibit. A.A.O.S. 61st Annual Meeting, New Orleans, LA, February, 1994.
29. Nasser, S., Wooley, P.H., Chada, H.S., Smith, F.W. and Fitzgerald, R.F.: Acute Hematogenous Osteomyelitis: A New Model and Initial Immunological Observations. The Musculoskeletal Infection Society Annual Meeting, Snowmass, CO, June, 1994.
30. Amstutz, H.C., Urek, K.J., Nasser, S., and Schmalzried, T.P.: Direct Exchange Arthroplasty for Septic Total Hip Replacement Without Recurrent Infection with Minimum of Five Year Follow-Up, A.A.O.S. 63rd Annual Meeting, Atlanta, GA, February, 1996.
31. Morren, R., Wooley, P., Andary, J. and Nasser, S.: Particles of Ultra-High Molecular Polyethylene (UHMWPE) and Polymethyl Methacrylate (PMMA) Provoke Different Cellular Responses in the Murine Air Pouch Model. 42nd Annual Meeting of the O.R.S., Atlanta, GA, February, 1996.
32. Poggie, R., Makoto, T., Averill, R. and Nasser, S.: The Effects of Resin Type, Consolidation Method, and Manufacturing Process Parameters on Ultra-high Molecular Weight Polyethylene. Fifth World Biomaterials Congress, San Diego, CA, May, 1998.
33. Placzek, J., Rubal, P., Freeman, C., Keizlig, C., Nasser, S. and Pagett, B.: Long-Term Effectiveness of Translational Manipulation for Adhesive Capsulitis. Annual Meeting, The Mid-America Orthopaedic Association, Acapulco, Mexico, May, 1998.

34. Nasser, S., Hubbard, N. and Poggie, R.: Ultra-High Molecular Weight Polyethylene; History and Current State of the Art. 45th Annual Meeting of the O.R.S., Anaheim, CA, February, 1999.
35. VanDeVord, P.J, Nasser, S. and Wooley. P.H.: Antibody Responses to Bone Soluble Proteins in Bone Graft Recipients. American College of Rheumatology 63rd Annual Scientific Meeting, San Diego, CA, May, 1999
36. Nasser, S. and Markel, D.: Inexpensive Methods of Cement Containment in the Presence of Cortical Bone Defects. Annual Meeting, The Mid-America Orthopaedic Association, Bermuda, May 1999.
37. Wooley, P.H., Yang, S.-Y., Nasser, S., Song, Z., Robbins, P.D. and Evans, C.H.: Gene Therapy to Regulate the Inflammatory Response to Orthopaedic Biomaterials. Sixth World Biomaterials Congress, Kamuela, HI, May, 2000./
38. Sieving, A.L., Nasser, S. and Wooley, P.H.: Macrophage Responses to Polymethyl Methacrylate Particles. Sixth World Biomaterials Congress, Kamuela, HI, May, 2000.
39. Wooley, P.H., Song, Z., Mayton, L., Nasser, S., Cho, U., Shen, M. and Hsu, S.: Variations in UHMWPE Particle Morphology Results in Different Cellular Responses in the Murine Air Pouch Model. Sixth World Biomaterials Congress, Kamuela, HI, May, 2000.
40. Yang, S., Sieving, S., Nasser, S and Wooley, P.H.: Diverse Cellular and Apoptotic Response to Variant Shapes of UHMWPE Particles in a Murine Model of Inflammation. . 47th Annual Meeting of the O.R.S., San Francisco, CA, February, 2001.
41. VanDeVord, P.J, Nasser, S. and Wooley. P.H.: Antibody Responses to Bone Soluble Proteins in Bone Graft Recipients. Biomedical Engineering Society Annual Scientific Meeting, Raleigh - Durham, NC, April, 2001
42. Sieving, A.L., Wu, B., Mayton, L., Nasser, S. and Wooley, P.H.: The Effect of Aspect Ratio of UHMWPE Wear Debris on the in Vivo Inflammatory Response. Biomedical Engineering Society Annual Scientific Meeting, Raleigh - Durham, NC, April, 2001
43. Nasser, S.: Orthopaedic Metal Hypersensitivity. The Annual International Knee Meeting, Rome, Italy, September, 2001
44. VanDeVord, P.J, Nasser, S. and Wooley. P.H.: Antibody Responses to Bone Soluble Proteins in Bone Graft Recipients. European Symposium on Bone Graft Techniques in Revision Hip Surgery, Amsterdam, The Netherlands, November, 2001

45. Sieving, A., Wu, B., Mayton, L., Nasser, S. and Wooley, P.H.: Particle Surface Texture and Shape Influence in the Inflammatory Response to Wear Debris. The Society for Biomaterials Annual Meeting, Tampa, FL, April, 2002

Invited and Refereed Local and Regional Meetings

1. Nasser, S. and Kaplan, M.: Lavage Treatment of *Pseudomyxoma Peritonei*. Detroit Surgical Society, Detroit MI, February 1983.
2. Nasser, S. and Morawa, L.: Use of Immediate-Fit Prostheses for Upper Extremity Amputations. Resident Research Presentation, Detroit Academy of Orthopaedic Surgery, Detroit MI, May 1987.
3. Amstutz, H.C., Nasser, S. and Kabo, J.: The ATH Femoral Component; Preliminary Clinical and Radiographic Results. U.C.L.A. Continuing Education Course, Kauai HI, October 1988 and 1989, Harrington Institute Course, Phoenix AZ, November 1988
4. Amstutz, H.C., Nasser, S. and Kabo, J.: The ATH Femoral Component; Preliminary Clinical and Radiographic Results. The Harrington Institute Course, Phoenix AZ, November 1988.
5. Amstutz, H.C., Nasser, S. and Kabo, J.: The ATH Femoral Component; Preliminary Clinical and Radiographic Results. U.C.L.A. Continuing Education Course, Kauai HI, October 1989
6. Nasser, S.: New Methods of Fixation Following Trochanteric Osteotomy. U.C.L.A. Continuing Education Course, Kauai, HI, October, 1989.
7. Nasser, S., Lee, Y.F. and Amstutz, H.C.: Direct Exchange Arthroplasty in Thirty Consecutive Septic Total Hip Replacements Without Clinical Failure. Wayne State University Orthopaedic Alumni Association Meeting, Detroit, MI, September, 1990.
8. Nasser, S., Amstutz, H.C. and Dorey, F.J.: Aseptic Loosening of Cemented T-28 Acetabular Components in Patients Greater Than Sixty Years of Age. Atlanta Orthopaedic Society, Atlanta, GA, May, 1990.
9. Slappey, J. and Nasser, S.: Surface Finish and Sphericity of Total Hip Replacement Femoral Heads: A Comparative Analysis. Winner, Atlanta Orthopaedic Society Annual Residents' Competition, Atlanta, GA, June, 1992.
10. Nasser, S., Wooley, P.H., Chada, H.S., Smith, F.W. and Fitzgerald, R.F.: Acute Hematogenous Osteomyelitis: A New Model and Initial Immunological Observations. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1994.

11. Wooley, P.H., Nasser, S. and Whalen, J.D.: Failed Prosthetic Implants from Patients with Aseptic Loosening Have Immunoglobulin Bound to the Polyethylene Surface. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1994.
12. Nasser, S., Wooley, P.H. and Whalen, J.D.: Antibodies Reactive with Polyethylene Bound Proteins: A Role in Aseptic Loosening? Michigan Orthopaedic Society Annual Meeting, Traverse City, MI, June, 1995.
13. Nasser, S.: Work Related Disorders of the Hip: Diagnosis and Treatment. Keynote Speaker, Wayne County Medical Society Special Symposium on Health and the Workplace, Detroit, MI, December 1995.
14. Morren, R., Wooley, P.H., Andary, J. and Nasser, S.: Particles of Ultra-High Molecular Weight Polyethylene (UHMWPE) and Polymethyl Methacrylate (PMMA) Provoke Different Cellular Responses in the Murine Air Pouch Model. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1996.
15. Nasser, S.: The Effects of an Antioxidant on Ultra-High Molecular Weight Polyethylene. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1996.
16. Nasser, S. and Markel, D.: Inexpensive Methods of Cement Containment in the Presence of Cortical Bone Defects. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1996.
17. Wooley, P.H., Petersen, S., Song, S. and Nasser, S.: Cellular Immune Responses to Orthopaedic Implant Material Following Cemented Total Joint Replacement. Michigan Orthopaedic Society Annual Meeting, Mackinac Island MI, June, 1996.
18. Nasser, S. and Poggie, R.: Accelerated Aging and Associated Changes in Ultra-High Molecular Weight Polyethylene (UHMWPE) Microstructure as a Function of Resin Type and Consolidation Variables. Michigan Orthopaedic Society Annual Meeting, Boyne Highlands, MI, June, 1997.
19. Poggie, R., Nasser, S., and Kulkarni, S.: Microscopic and Finite Element Analysis of Morse Taper Joints: Micromotion as a Function of Taper Diameter and Modular Head/Neck Extension. Michigan Orthopaedic Society Annual Meeting, Boyne Highlands, MI, June, 1997.
20. Placzek, J., Rubal, P., Freeman, C., Keizlig, C., Nasser, S., and Pagett, B.: Long-Term Effectiveness of Translational Manipulation for Adhesive Capsulitis of the Shoulder. Michigan Orthopaedic Society Annual Meeting, Boyne Highlands, MI, June, 1997.

21. Wooley, P.H., Whalen, J.D., Trumble, S., and Nasser, S.: Antibodies to Implant Bound Proteins in Patients with Aseptic Loosening of Total Joint Arthroplasties. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1998.
22. Nasser, S. and Kronick, J.L.: The Use of High Dose Antibiotic Functional Spacers in the Treatment of Peri-Prosthetic Joint Infections. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, MI, June, 1998.
23. VanDeVorde, P.J., Wooley, P.H. and Nasser, S.: Antibody Responses to Bone Soluble Proteins in Bone Graft Recipients. Michigan Orthopaedic Society Annual Meeting, Traverse City, MI, June, 1999.
24. Sieving, A., Wooley, P.H. and Nasser, S.: Macrophage Responses to Polymethyl Methacrylate Particles. Michigan Orthopaedic Society Annual Meeting, Traverse City, MI, June, 1999.
25. Canizeres, G., Sieving, A., Wooley, P.H. and Nasser, S.: Timing of Antibiotic Administration During Primary and Revision Total Joint Replacement Arthroplasty. Detroit Academy of Orthopaedic Surgery. Winner Annual Resident Research Competition. Detroit, MI, May, 2000.
26. Canizeres, G., Sieving, A., Wooley, P.H. and Nasser, S.: Timing of Antibiotic Administration During Primary and Revision Total Joint Replacement Arthroplasty. Michigan Orthopaedic Society Annual Meeting, Mackinac Island MI, June 2000.
27. Wooley, P. H., Sieving, A., Wu, B., Mayton, L., Nasser, S.: Debris Morphology and Inflammation. Michigan Orthopaedic Society Annual Meeting, Mackinac Island MI, June 2002.

“Visiting Professor Lectures”

1. Cementless Total Joint Arthroplasty Prostheses with Titanium Alloy Articular Surfaces: A Human Retrieval Analysis. Ohio State University Orthopaedic Grand Rounds, Columbus OH, February 1990.
2. Treatment of Septic Joint Replacements. Ohio State Orthopaedic Society, Columbus OH, February 1990.
3. Treatment of Septic Total Joint Replacements: Emory University/Grady Memorial Hospital Orthopaedic Grand Rounds, Atlanta GA, March, 1990.
4. Surface Replacement Arthroplasty of the Hip: A New Look at an Old Idea: Chicago Medical School Orthopaedic Grand Rounds, Chicago IL, December, 1992.

5. Ceramics in Orthopaedic Surgery: Medical University of South Carolina Orthopaedic Grand Rounds, Charleston SC, March, 1993.
6. Orthopaedic Polymers: New News Is Bad News: Orthopaedic Grand rounds, Medical College of Ohio, Toledo OH, February, 1996.
7. Biomaterials Series, Part One: Polymers: Metropolitan Northwest Detroit Residency Program Grand Rounds, Detroit MI, March, 1996.
8. Biomaterials Series, Part Two: Metals: Metropolitan Northwest Detroit Residency Program Grand Rounds, Detroit MI, April, 1997.
9. Orthopaedic Biomaterials: Polymers: The Good, The Bad and the Non-FDA Approved: Michigan State University Combined Orthopaedic Residency Program (COGMET), East Lansing, MI, June, 1997.
10. Biomaterials Series, Part Three: Ceramics and Composites: Metropolitan Northwest Detroit Residency Program Grand Rounds, Detroit, MI, February, 1998.
11. Treatment of Infected Total Joint Replacements. Orthopaedic Grand Rounds, Medical College of Ohio, Toledo, OH, February, 1999.
12. Total Knee Revision Surgery: the Seven Pillars of Wisdom. Michigan Osteopathic Orthopaedic Society Annual Meeting Keynote Speaker, Southfield, MI, March, 1999
13. The Biomechanics of Total Hip Replacements: Michigan State University Combined Orthopaedic Residency Program (COGMET), East Lansing, MI, March, 2000.
14. The Design of Total Hip Replacement Femoral Prostheses, Michigan State University Combined Orthopaedic Residency Program (COGMET), East Lansing, MI, March 2000.
15. Revision Total Knee Replacements: Michigan State University Combined Orthopaedic Residency Program (COGMET), East Lansing, MI, October, 2000.
16. Treatment of Infected Total Joint Replacements: Michigan State University Combined Orthopaedic Residency program (COGMET), East Lansing, MI, October, 2000.
17. The Science Behind Cemented Femoral Stems: Stanford Orthopedic Association, Palo Alto, CA, December, 2000.
18. New and Innovative Biomaterials for Total Joint Arthroplasty: An Update for Clinicians. Special Symposium Invited Speaker, Michigan Orthopaedic Society

Annual Meeting, June, 2001, Traverse City, MI, 2001